

SYSTEM AND METHOD FOR ASSESSING CARDIAC PERFORMANCE THROUGH TRANSCARDIAC IMPEDANCE MONITORING

Abstract

A system and method for assessing cardiac performance through
5 transcardiac impedance monitoring is described. Intracardiac impedance
measures are directly collected through an implantable medical device. The
intracardiac impedance measures are correlated to cardiac dimensional measures
relative to performance of an intrathoracic pressure maneuver. The cardiac
dimensional measures are grouped into at least one measures set corresponding to
10 a temporal phase of the intrathoracic pressure maneuver. The at least one cardiac
dimensional measures set is evaluated against a cardiac dimensional trend for the
corresponding intrathoracic pressure maneuver temporal phase to represent
cardiac performance.